

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017425.D
 Acq On : 10 Jul 2020 02:06
 Operator : SY/MD
 Sample : L3253-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A38

Quant Time: Jul 10 05:55:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55933	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.24%
7) Chloroethane-d5	1.58	69	43114	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.12	63	98492	30.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.86%
21) 2-Butanone-d5	3.91	46	89416	91.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.57%
24) Chloroform-d	4.38	84	140459	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	5.06	65	105271	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.08	84	251090	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	73102	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.94%
41) Toluene-d8	7.34	98	235344	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%
43) trans-1,3-Dichloropropene-	7.64	79	39807	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.08%
47) 2-Hexanone-d5	8.11	63	59816	90.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97693	43.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	101223	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

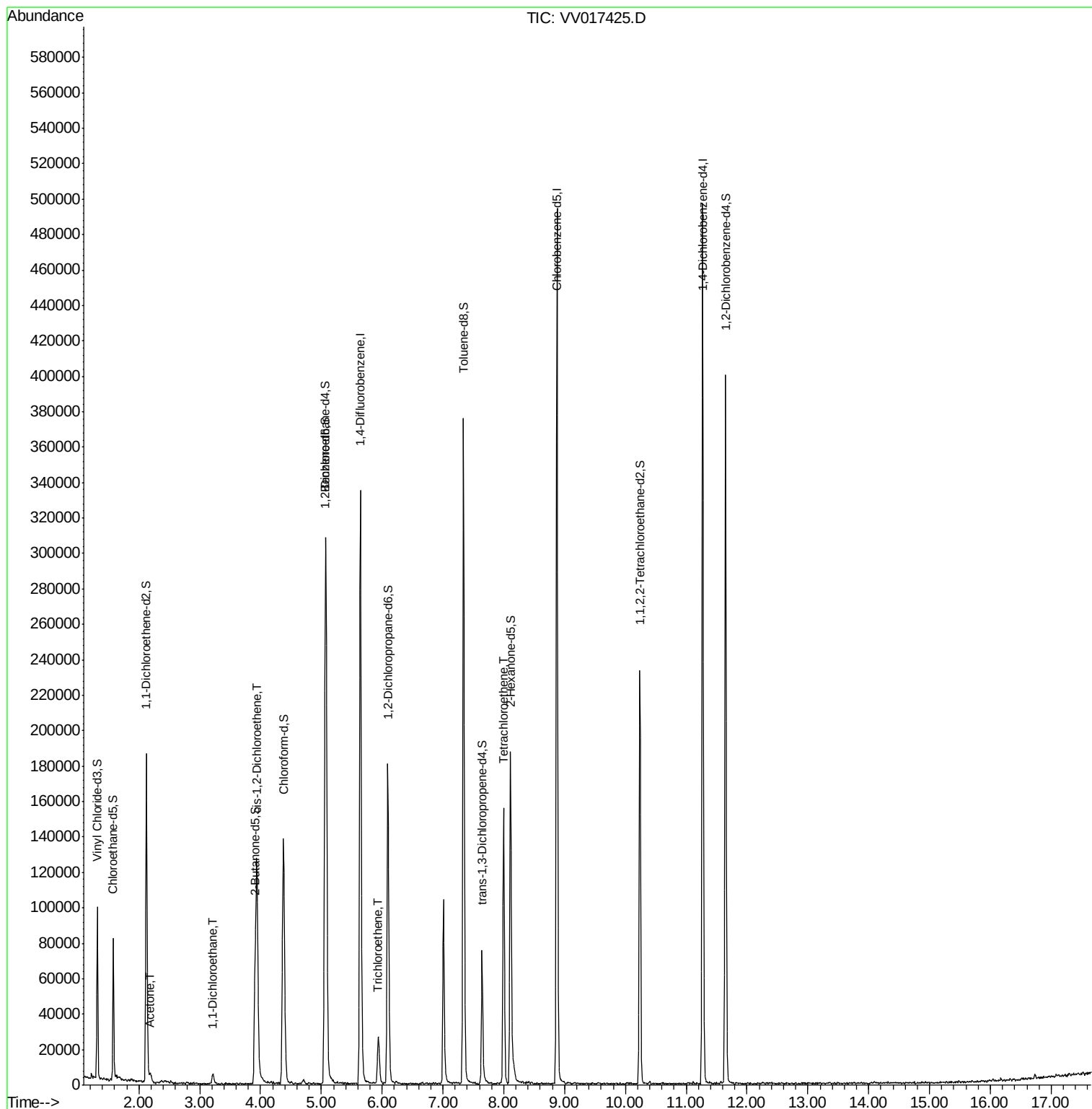
					Ovalue
13) Acetone	2.19	43	6633	4.990 ug/L	88
19) 1,1-Dichloroethane	3.22	63	5323	1.614 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	59153	30.779 ug/L	98
34) Trichloroethene	5.94	95	6056	2.985 ug/L	96
46) Tetrachloroethene	8.00	164	33765	19.824 ug/L	96

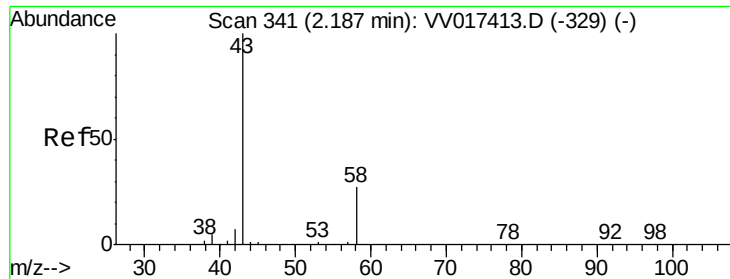
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017425.D
Acq On : 10 Jul 2020 02:06
Operator : SY/MD
Sample : L3253-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A38

Quant Time: Jul 10 05:55:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.990 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

Instrument :

MSVOA_V

ClientSampleId :

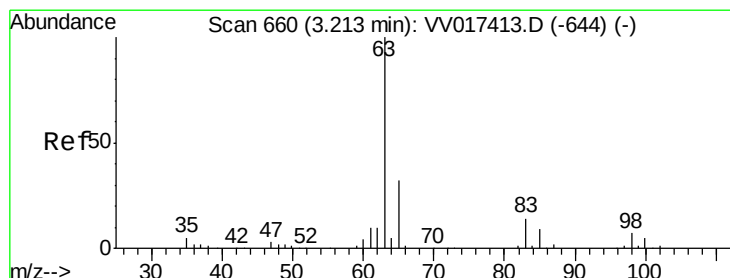
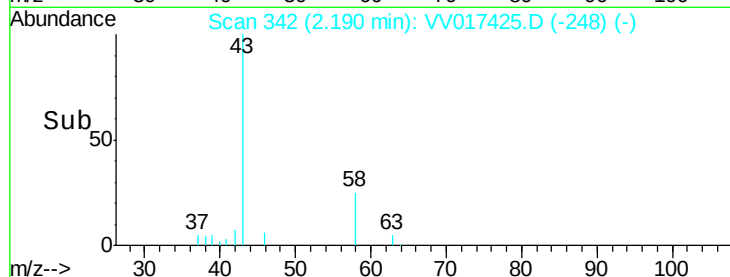
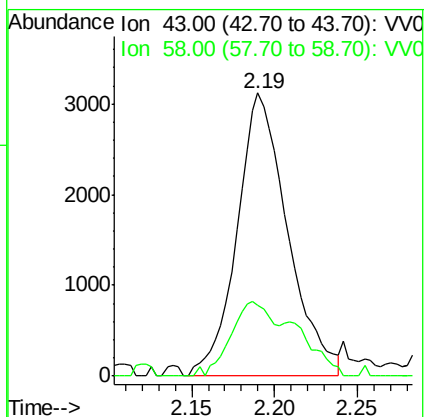
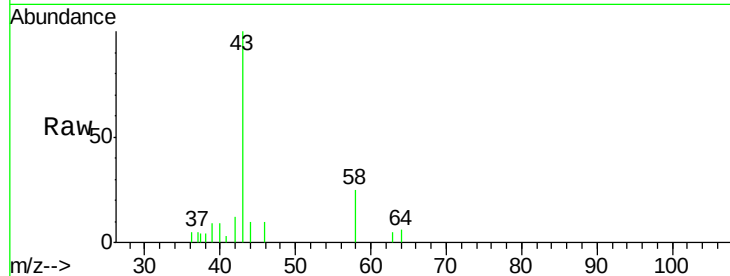
F4A38

Tot Ion: 43 Resp: 6633

Ion Ratio Lower Upper

43 100

58 21.8 0.0 56.0



#19

1,1-Dichloroethane

Concen: 1.614 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

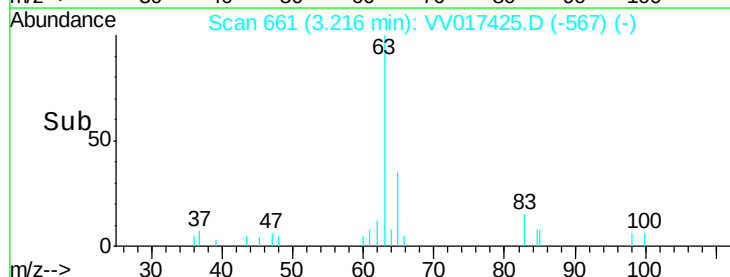
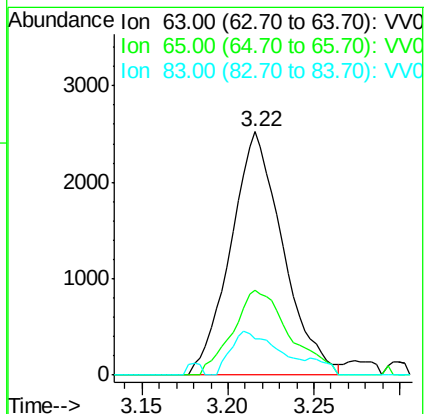
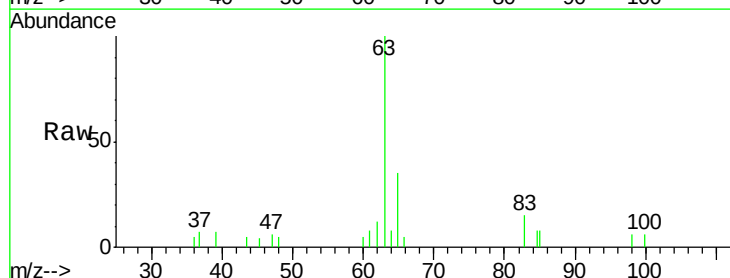
Tgt Ion: 63 Resp: 5323

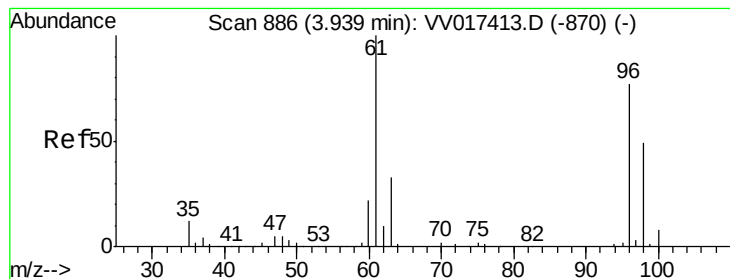
Ion Ratio Lower Upper

63 100

65 35.0 22.1 41.1

83 15.0 10.1 18.9



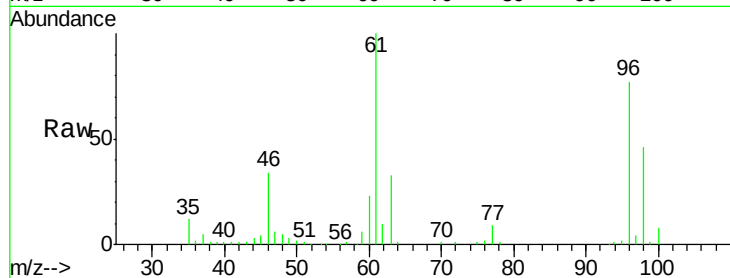


#20

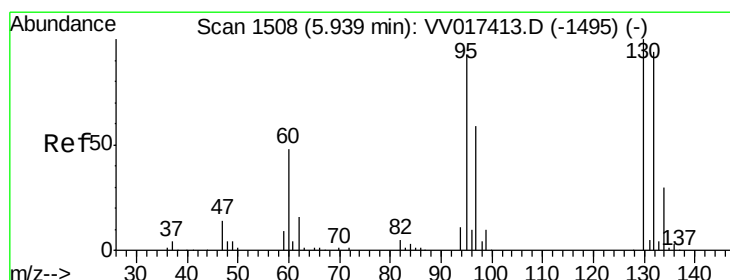
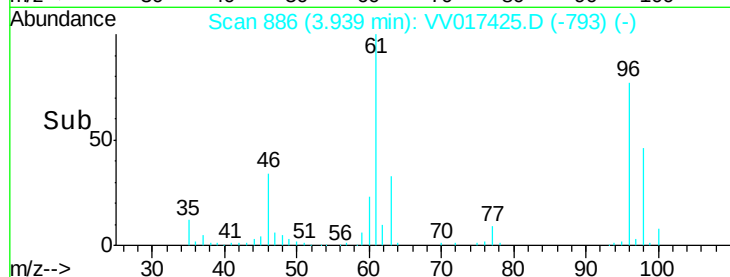
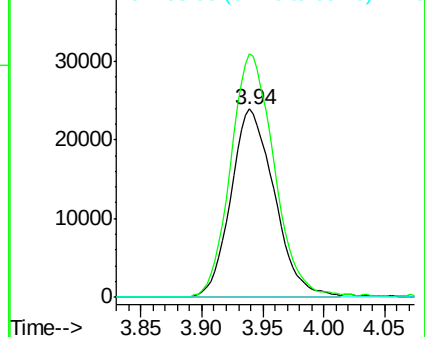
cis-1,2-Dichloroethene
Concen: 30.779 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017425.D
Acq: 10 Jul 2020 02:06

Instrument :
MSVOA_V
ClientSampleId :
F4A38

Tot Ion: 96 Resp: 59153
Ion Ratio Lower Upper
96 100
61 129.3 88.9 165.1
68 0.0 0.0 0.0



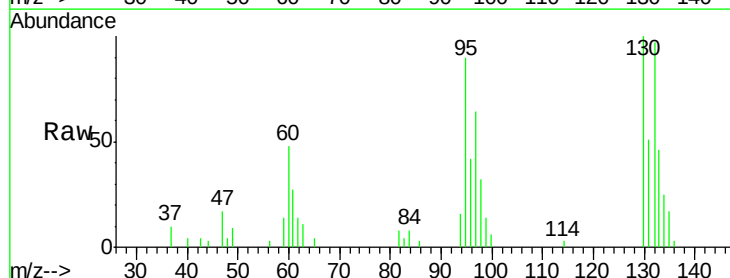
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



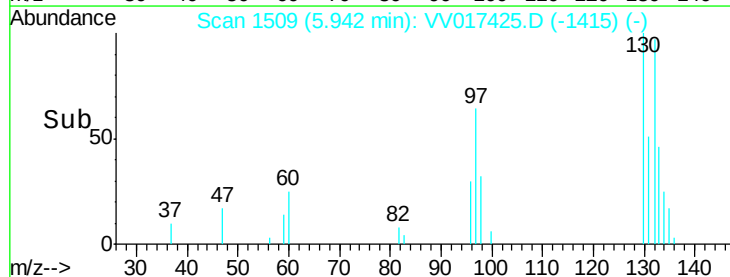
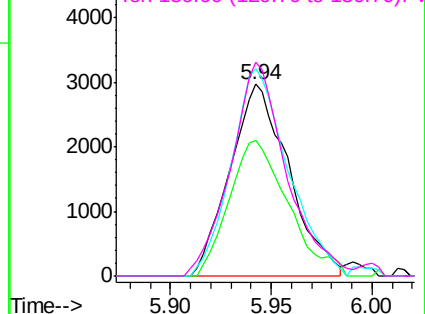
#34

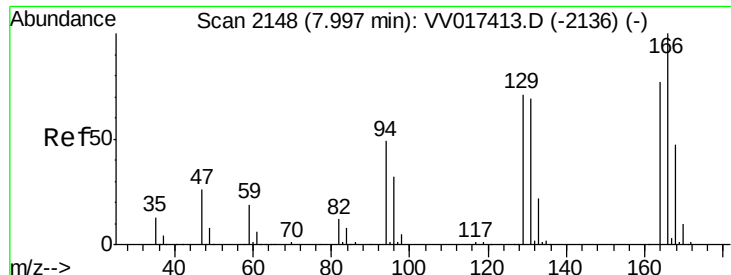
Trichloroethene
Concen: 2.985 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV017425.D
Acq: 10 Jul 2020 02:06

Tgt Ion: 95 Resp: 6056
Ion Ratio Lower Upper
95 100
97 71.0 45.6 84.6
132 108.1 74.1 137.5
130 111.4 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 19.824 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017425.D

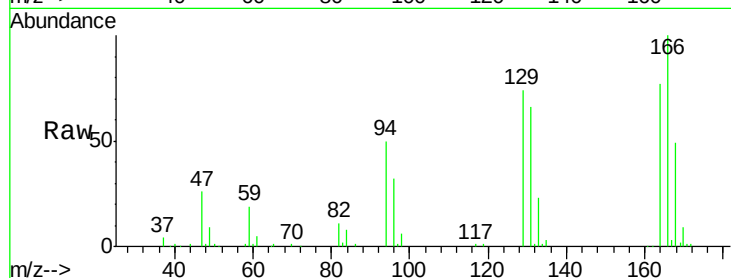
Acq: 10 Jul 2020 02:06

Instrument :

MSVOA_V

ClientSampleId :

F4A38



Tot Ion:164 Resp: 33765

Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.8

131 85.5 65.5 121.7

166 130.5 93.9 174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

